

PRODUCT DATASHEET

PL ECO HLO 600 E 37W 865 U19

PANEL ECO HLO 600 | Square recessed panel luminaires, 600 x 600 mm



Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- Offices, conference rooms
- Reception areas and foyers
- Corridors

Product benefits

- Low flicker light thanks to special electronic control gear
- Energy savings thanks to high system efficacy: up to 130 lm/W
- External driver for extended flexibility and easy installation

Product features

- Lifetime: up to 70,000 h
- 5 years warranty
- Luminous flux: up to 5460 lm



TECHNICAL DATA

Electrical data

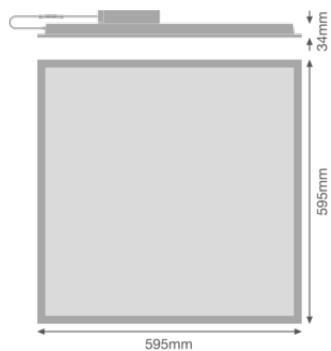
Nominal wattage	37.00 W
Nominal voltage	220...240 V
Nominal current	950.000 mA
Inrush current	32.84 A
Inrush current time T_{h50}	120 μ s
Max. number of luminaires per miniature circuit breaker B16	20
Max. number of luminaires per miniature circuit breaker C10	15
Max. number of luminaires per miniature circuit breaker C16	24
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	External LED driver

Photometrical data

Luminous flux	4625 lm
Luminous efficacy	125 lm/W
Color temperature	6500 K
Light color (designation)	Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 5 sdc _m
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG0
Beam angle	90 °
UGR	< 19

Dimensions & Weight

Length	595.00 mm
Width	595.00 mm
Height	34.00 mm
Product weight	1500.00 g



PL ECO HLO 600 E

Materials & Colors

Product color	White
Housing color	White
Body material	Aluminum
Cover material	Polystyrene (PS)
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-10...+45 °C
Temperature range at storage	-20...+70 °C
Type of connection	Screwless terminal, 2-Pole (L, N)
Type of protection	IP20/IP40
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling
Mounting length	595 mm
Mounting width	595 mm
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	70000 h ¹⁾
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1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	950 mA
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Emergency lighting

Type of emergency operation test	None
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Certificates & Standards

Standards	CE / CB / UKCA / EAC
Replaceable light source (EPREL)	Not replaceable

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire must be disposed of.

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	PL ECO HLO 600 E
	Legal information	Safety Insert G11207793
	Legal information	ECO PANEL
	Legal information	Informationstext 18 Abs 4 ElektroG
	Legal information	PANEL ECO 600 E LEGAL INSERT
	Legal information	PANEL ECO 600 E LISO
	Declarations of conformity	PL ECO
	Declarations of conformity UKCA	PL ECO

Photometric and lighting design files		Document name
	IES file (IES)	PL ECO HLO 600 E
	LDT file (Eulumdat)	PL ECO HLO 600 E
	Spectral power distribution	PANEL ECO HLO 600 E

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854831966	Folding box 1	40 mm x 602 mm x 631 mm	1903.00 g	15.19 dm³
4099854831973	Shipping box 4	620 mm x 179 mm x 662 mm	8594.00 g	73.47 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.